

Green Belt development plan

In order to mitigate and minimize the environmental impacts, arising due to project especially from air pollution, noise pollution, soil erosion etc. the Greenbelt development work has been already started by Otsuka Ltd. The green canopy not only absorbs some of these pollutants as carbon sink but also improves the aesthetic environment, besides attenuating the noise levels.

Otsuka Chemical has developed a three tier and 10 m wide greenbelt all around the proposed plant premises. As per CPCB/MoEF guidelines 33% (29040 m²) of the total land area (88000 m²) has been kept as greenbelt. Photographs of the greenbelt developed by Otsuka is provided in **Figure**



Photographs of Greenbelt Developed by Otsuka Chemicals

Species selected for plantation: The species selected for this plantation are moderately high, good foliage bearing and are able to trap dust and noise. The following species have been planted under green belt.

Table 1.1 : Species suggested for plantation under Greenbelt Development Programme

S.No.	Tree Name	Botanical Scientific name /	Family	Habit/ Height	Evergreen (E)/ Deciduous (D)	Crown Shape
1	Sheesham	Dalbergia sissoo	Fabaceae	Tree, 25 m	E	light crown
2	Balam khira	Kigelia	Bignoniaceae	Tree, 20 m	D	Crown
3	Jamun	Jambul	Myrtaceae	Tree, 30 m	E	Spreadig
4	Ashok	sorrow-less	Fabaceae	Tree, 20 m	E	Spreadig
5	Pipal	Ficus religiosa	Moraceae	Tree, 30 m	D	Spreadig
6	Shahtoot	Morus nigra	Moraceae	Tree, 12 m	E	Spreadig
7	Papri	holoptelea integrifolia	Moraceae	Tree, 15 m	E	Crown
8	Pilkhan	Ficus virens	Fabaceae	Tree, 30 m	E	umbrella
9	Bar	Banyan	Reunions	Tree, 30 m	E	Spreadig
10	Arjun	Terminalia arjuna	Combretaceae	Tree, 25 m	E	Crown canopy
11	Neem	Azadirachta indica	Meliaceae	Tree, 20 m	E	Spreadig

Budget for Greenbelt:

Otsuka chemical has already developed a dense greenbelt in about 29040 m²(33%) of the area within the plant. More than 600 trees has been already planted. Rs. 10 lacks has been already spent by Otsuka for greenbelt plantation and maintenance. Further Otsuka chemical has earmarked a budget of Rs. 8 lacks/year for development of lawns and other form of greenery and maintenance (including manure/ watering and labour charges etc.) of the existing greenbelt.